

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An infra-red reflecting layered structure, said layered structure comprising:

- a transparent substrate layer;
- a first metal oxide layer;
- a first silver containing layer;
- a second metal oxide layer;
- a second silver containing layer;
- a third metal oxide layer;

said infra-red reflecting layered structure further comprising at least one protective intermediate layer comprising gold, said protective intermediate layer being located between a silver containing layer and a metal oxide layer and/or between a metal oxide layer and a silver containing layer;

said first, second and third metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm and said infra-red reflecting layered structure laminated on glass, having a visual light transmittance (VLT) higher than 70 % and a solar heat gain coefficient (SHGC) lower than 0.44.

2. (Currently Amended) ~~[[A]]~~ An infra-red reflecting layered structure according to claim 1, ~~wherein~~ ~~whereby~~ said infra-red reflecting layered structure has a light to solar gain ratio (LSG ratio) higher than 1.60.

3. (Currently Amended) ~~[[A]]~~ An infra-red reflecting layered structure according to claim 1, ~~wherein~~ ~~whereby~~ said first, second and third metal oxide layer comprises TiO₂.

4. (Currently Amended) ~~[[A]]~~ An infra-red reflecting layered structure according to claim 3, wherein ~~whereby~~ said TiO_2 is mainly composed of rutile phase.

5 - 6. (Cancelled)

7. (Currently Amended) ~~[[A]]~~ An infra-red reflecting layered structure according to claim 1, wherein ~~whereby~~ said first and second silver containing layer have a thickness between 10 and 25 nm.

8. (Currently Amended) ~~[[A]]~~ An infra-red reflecting layered structure according to claim 1, wherein ~~whereby~~ said first, second and third metal oxide layer have a thickness between 25 and 70 nm.

9. (Currently Amended) ~~Use of a~~ An infra-red reflecting layered structure according to claim 1, ~~as a~~ wherein the infra-red reflecting layered structure is a transparent heat-mirror.

10. (Withdrawn) A method of reducing the number of silver containing layers in an infra-red reflecting layered structure, said method comprising the following steps:

providing a transparent substrate layer;

depositing upon said substrate layer a first metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm;

depositing upon said first metal oxide layer a first silver containing layer;

depositing upon said first silver containing layer a second metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm;

depositing upon said second metal oxide layer a second silver containing layer;

depositing upon said second silver containing layer a third metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm.

11. (Withdrawn) A method of improving the visual light transmittance of an infra-red reflecting layered structure, said method comprising the following steps :

providing a transparent substrate layer;
depositing upon said substrate layer a first metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm;
depositing upon said first metal oxide layer a first silver containing layer;
depositing upon said first silver containing layer a second metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm;
depositing upon said second metal oxide layer a second silver containing layer;
depositing upon said second silver containing layer a third metal oxide layer having a refractive index of at least 2.40 at a wavelength of 500 nm.